

Storm Data and Unusual Weather Phenomena - April 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Southeast				
CHICOT COUNTY --- 0.9 S INDIAN [33.04, -91.30]				
	04/10/13 16:55 CST		3K	Thunderstorm Wind (EG 50 kt)
	04/10/13 16:55 CST		0	Source: Public
A few trees were blown down along Hellcat Road.				
CHICOT COUNTY --- 4.3 WSW INDIAN [33.03, -91.37]				
	04/10/13 16:55 CST		30K	Hail (1.25 in)
	04/10/13 16:55 CST		0	Source: Public
Hail had accumulated to a few inches deep along Hellcat Road, with the largest stones up to half dollar size. Roof damage occurred from the hail.				
A very warm and unstable airmass was in place over the region on the 10th with temperatures reaching into the mid to upper 80s across the region. A very slow moving cold front moved through Texas into Louisiana during the day on the 10th, bringing tornadoes to portions of central Arkansas near Little Rock. Some thunderstorms developed ahead of the approaching squall line, bringing some hail to portions of northeast Louisiana. Without a strong push behind the front, it lingered across locations west of the Mississippi River through most of the evening and overnight hours of the 10th through 11th.				
The cold front and squall line finally pushed east early on the 11th. Temperatures across east Mississippi were able to remain warm and conditions remained unstable and supportive of severe weather. A few supercells developed ahead of the cold front. One that tracked through Kemper and Noxubee counties spawned a tornado that caused structural damage in this area. Unfortunately, five injuries and one fatality also occurred in Kemper County near Liberty. Another 4 injuries occurred in Noxubee County as well. Additional damage was noted in Clarke, Jasper and Forrest counties where trees were downed and some damage to structures was reported.				
The cold front and post frontal rains finally moved out of the ArkLaMiss by mid afternoon, causing additional damage east to Alabama and Georgia.				
In addition to severe weather, the region once again saw plenty of rainfall. On the 10th, locations across the Delta saw 1.5-3.5 inches of rain. The rain was more progressive as it tracked east but 1 to 2 inches was seen.				
ASHLEY COUNTY --- 6.0 S CROSSETT [33.04, -91.97], 4.0 SE CROSSETT [33.09, -91.92]				
	04/18/13 14:08 CST		20K	Tornado (EF1, L: 4.25 mi , W: 150 yd)
	04/18/13 14:14 CST		0	Source: NWS Storm Survey
The tornado started along County Road 229 about six miles south of Crossett. It moved east-northeast to northeast, crossing Highway 133 near the intersection with County Road 5. Several large trees were downed across Highway 133 at this point. The tornado continued northeast, and reached its maximum intensity near the intersection of County Road 5E and County Road 4. Here a number of hardwood and softwood trees were snapped and uprooted. The tornado turned more north-northeast and appeared to dissipate as it was crossing Arkansas Trace Road about four miles southeast of Crossett. Maximum wind speeds were estimated at 90 mph.				
ASHLEY COUNTY --- 1.4 ESE SOUTH CROSSETT [33.11, -91.95]				
	04/18/13 14:13 CST		10K	Thunderstorm Wind (EG 50 kt)
	04/18/13 14:13 CST		0	Source: Public
A tree was blown down onto a house along Sycamore Circle. Another tree was blown down on Cedar Street. Additional trees were blown down along Highway 82 near Crossett, and a tree was blown down on Highway 133 North.				
ASHLEY COUNTY --- 2.2 SE HAMBURG [33.21, -91.79]				
	04/18/13 14:21 CST		5K	Thunderstorm Wind (EG 50 kt)
	04/18/13 14:21 CST		0	Source: NWS Storm Survey
A few trees were blown down on US Highway 425 near Hamburg.				
ASHLEY COUNTY --- 0.9 NE WILMOT [33.06, -91.57]				
	04/18/13 14:42 CST		1K	Thunderstorm Wind (EG 50 kt)
	04/18/13 14:42 CST		0	Source: Emergency Manager
There was a report of a blown down tree in Wilmot.				
ASHLEY COUNTY --- 2.1 SSW PARKDALE [33.09, -91.56]				

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	04/18/13 14:45 CST		0	Hail (1.00 in)
	04/18/13 14:45 CST		0	Source: Public
Quarter size hail fell along US Highway 165.				
CHICOT COUNTY --- 1.2 E CHICOT [33.20, -91.26]				
	04/18/13 15:15 CST		10K	Hail (1.75 in)
	04/18/13 15:15 CST		0	Source: Emergency Manager
Golf ball size hail fell in Chicot Junction.				
CHICOT COUNTY --- 2.0 W EUDORA [33.12, -91.30], 1.0 NE GRAND LAKE [33.09, -91.21]				
	04/18/13 15:20 CST		7K	Thunderstorm Wind (EG 50 kt)
	04/18/13 15:40 CST		0	Source: Law Enforcement
Multiple trees were blown down all around Eudora.				
CHICOT COUNTY --- 0.5 SW GRAND LAKE [33.08, -91.23], 4.0 SE EUDORA [33.08, -91.22]				
	04/18/13 15:38 CST		0	Tornado (EF0, L: 0.45 mi , W: 50 yd)
	04/18/13 15:39 CST		0	Source: Trained Spotter

This brief tornado touched down in an open field southeast of Eudora along US Highway 65. A picture was taken (by a trained spotter) as the tornado kicked up dust as it moved in an east northeastward direction. A condensation funnel was visible that had distinct rotation. No damage occurred. Maximum wind speeds were estimated at 75 mph.

Gusty southerly winds blew for several days ahead of the cold front that pushed across the ArklaMiss region during the afternoon and evening of April 18, 2013. The persistent feed of moist air from the Gulf produced a warm and humid air mass that resulted in afternoon temperatures well above normal, topping out in the 80s across the forecast area Thursday afternoon. Warmer air aloft produced an atmospheric cap that prohibited thunderstorm development well ahead of the front. As a result, a squall line of severe convection developed in the vicinity of the cold front and moved across the Delta region. Much of the damage associated with the squall line was produced by two intense severe storms. The first storm moved across Ashley and Chicot Counties in southeast Arkansas during mid afternoon before tracking across Washington County in northwest Mississippi. The first storm produced an EF-1 tornado near Crossett, AR. The second storm moved across northeast Louisiana into the Mississippi Delta region, producing an EF-1 tornado near Sondheimer, Louisiana and another tornado in Nitta Yuma, Mississippi. In addition to tornadoes, severe storms along the squall line downed trees and power lines and produced golf ball sized hail.

The squall line began to weaken as it continued across the Mississippi Delta, pulling away from the associated low pressure system and moving into a region where the air mass was more stable. Storms that remained in the remnants of the line progressed to the east, briefly strengthening as they crossed northeast Mississippi. Sporadic down burst winds continued, bringing down trees and power lines near Yazoo City and at Sturgis in Oktibbeha County.

LOUISIANA, Northeast

WEST CARROLL COUNTY --- 0.6 E GOODWILL [32.78, -91.56]				
	04/10/13 16:26 CST		0	Hail (1.00 in)
	04/10/13 16:26 CST		0	Source: Broadcast Media
WEST CARROLL COUNTY --- 1.0 ENE OAK GROVE [32.87, -91.36], 2.8 NE FOREST [32.81, -91.39], 2.0 SSW OAK GROVE KELLY ARPT [32.82, -91.43], 1.6 WNW OAK GROVE [32.88, -91.40]				
	04/11/13 08:30 CST		0	Flash Flood (due to Heavy Rain)
	04/11/13 09:00 CST		0	Source: Broadcast Media

Flooding occurred in the Oak Grove and Pioneer areas with water covering some roadways.

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tracked through Kemper and Noxubee counties spawned a tornado that caused structural damage in this area. Unfortunately, five injuries and one fatality also occurred in Kemper County near Liberty. Another 4 injuries occurred in Noxubee County as well. Additional damage was noted in Clarke, Jasper and Forrest counties where trees were downed and some damage to structures was reported.

The cold front and post frontal rains finally moved out of the ArkLaMiss by mid afternoon, causing additional damage east to Alabama and Georgia.

In addition to severe weather, the region once again saw plenty of rainfall. On the 10th, locations across the Delta saw 1.5-3.5 inches of rain. The rain was more progressive as it tracked east but 1 to 2 inches was seen.

MOREHOUSE COUNTY --- 1.4 S WARDVILLE [32.85, -91.92]

04/18/13 14:15 CST	0	Thunderstorm Wind (EG 50 kt)
04/18/13 14:15 CST	0	Source: Emergency Manager

A tree was blown down on Bonner Ferry Road.

EAST CARROLL COUNTY --- 1.5 SSE MILLIKIN [32.95, -91.22]

04/18/13 15:52 CST	5K	Thunderstorm Wind (EG 50 kt)
04/18/13 15:52 CST	0	Source: NWS Storm Survey

Several trees were blown down in the area. Some tin was taken off of a farm building as well.

EAST CARROLL COUNTY --- 2.0 NW SONDHEIMER [32.57, -91.20], 1.8 SE BOMERS [32.58, -91.16]

04/18/13 16:19 CST	50K	Tornado (EF1, L: 2.87 mi , W: 75 yd)
04/18/13 16:23 CST	0	Source: NWS Storm Survey

The tornado started in an open field just west of US Highway 65, about 2 miles northwest of the Sondheimer community. As it crossed Highway 65 near the intersection with Henderson Loop Road, it destroyed a large farm outbuilding, downed a couple of power poles, and caused some minor damage to nearby structures. The tornado continued east northeast along the north side of Henderson Loop Road, and snapped a large tree and caused shingle damage to two homes near the intersection with Sand Field Road. The tornado then turned a bit more toward the north along that road, causing some minor tree damage before dissipating. Maximum sustained winds were estimated at 95 mph.

MADISON COUNTY --- 2.1 NNW TALLULAH [32.45, -91.22], 2.3 NNW TALLULAH [32.45, -91.21]

04/18/13 16:23 CST	0	Tornado (EF0, L: 0.40 mi , W: 50 yd)
04/18/13 16:24 CST	0	Source: Public

This brief tornado touched down in an open field along and just to the north of Willow Bayou Road. A picture was taken as the tornado kicked up dust as it moved in an east northeastward direction. No damage occurred. Maximum sustained winds were estimated at 75 mph.

Gusty southerly winds blew for several days ahead of the cold front that pushed across the ArkLaMiss region during the afternoon and evening of April 18, 2013. The persistent feed of moist air from the Gulf produced a warm and humid air mass that resulted in afternoon temperatures well above normal, topping out in the 80s across the forecast area Thursday afternoon. Warmer air aloft produced an atmospheric cap that prohibited thunderstorm development well ahead of the front. As a result, a squall line of severe convection developed in the vicinity of the cold front and moved across the Delta region. Much of the damage associated with the squall line was produced by two intense severe storms. The first storm moved across Ashley and Chicot Counties in southeast Arkansas during mid afternoon before tracking across Washington County in northwest Mississippi. The first storm produced an EF-1 tornado near Crossett, AR. The second storm moved across northeast Louisiana into the Mississippi Delta region, producing an EF-1 tornado near Sondheimer, Louisiana and another tornado in Nitta Yuma, Mississippi. In addition to tornadoes, severe storms along the squall line downed trees and power lines and produced golf ball sized hail.

The squall line began to weaken as it continued across the Mississippi Delta, pulling away from the associated low pressure system and moving into a region where the air mass was more stable. Storms that remained in the remnants of the line progressed to the east, briefly strengthening as they crossed northeast Mississippi. Sporadic down burst winds continued, bringing down trees and power lines near Yazoo City and at Sturgis in Oktibbeha County.

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Image courtesy of Christy Thornton Shelton.

MISSISSIPPI, Central

KEMPER COUNTY --- 3.0 SW DAMASCUS [32.64, -88.87], 7.1 WNW WAHALAK [32.93, -88.64]				
04/11/13 10:35 CST	1	0.70M	Tornado (EF3, L: 23.81 mi , W: 1320 yd)	
04/11/13 11:04 CST	5	0	Source: NWS Storm Survey	

This tornado first touched down in southwest Kemper County and tracked north-northeast through much of Kemper and Noxubee Counties, and then into Pickens County Alabama. The most intense damage occurred in five locations along the path. The first was damage to a steel frame commercial building along highway 493 just north of Moscow. The second was a frame home that was completely destroyed along Highway 16 several miles west of De Kalb. The third was an extensive area of damage just west and northwest of Shuqualak that included a destroyed home as well as significant damage to several other homes and power poles. The fourth was high tension power poles that were bent along Highway 45 just north of Shuqualak. The fifth area was just west of Prairie Point where a tower was bent all the way to the ground.

Along the rest of the tornado path, thousands of trees were snapped and uprooted, numerous power poles were snapped, many homes sustained roof and wall damage, numerous barns and outbuildings were heavily damaged or destroyed, and a few vehicles were smashed or overturned. This tornado had a total track length of 68.4 miles across Mississippi and a portion of Alabama. Maximum wind speeds were estimated at 145 mph.

Direct Fatalities: M28BU

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CLAY COUNTY --- 3.5 NW CAHNS [33.61, -88.77]				
	04/11/13 11:02 CST		50K	Thunderstorm Wind (EG 55 kt)
	04/11/13 11:02 CST		0	Source: Broadcast Media
Numerous trees were blown down around Cedar Bluff along Highway 50. A steeple was blown off a church in the area as well.				
NOXUBEE COUNTY --- 4.6 SW SHUQUALAK [32.93, -88.64], 1.5 SE PRETORIA [33.27, -88.31]				
	04/11/13 11:04 CST		0.50M	Tornado (EF3, L: 30.17 mi , W: 1320 yd)
	04/11/13 11:48 CST	4	0	Source: NWS Storm Survey
This tornado first touched down in southwest Kemper County and tracked north-northeast through much of Kemper and Noxubee Counties, and then into Pickens County Alabama. The most intense damage occurred in five locations along the path. The first was damage to a steel frame commercial building along highway 493 just north of Moscow. The second was a frame home that was completely destroyed along Highway 16 several miles west of De Kalb. The third was an extensive area of damage just west and northwest of Shuqualak that included a destroyed home as well as significant damage to several other homes and power poles. The fourth was high tension power poles that were bent along Highway 45 just north of Shuqualak. The fifth area was just west of Prairie Point where a tower was bent all the way to the ground.				
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LOWNDES COUNTY --- 3.5 N FORRESTON [33.37, -88.31]				
	04/11/13 11:53 CST		10K	Hail (1.75 in)
	04/11/13 11:53 CST		0	Source: Public
Golf ball size hail fell in the area.				
FORREST COUNTY --- 0.6 E MACEDONIA [31.38, -89.17]				
	04/11/13 12:27 CST		0.10M	Thunderstorm Wind (EG 60 kt)
	04/11/13 12:27 CST		0	Source: Emergency Manager
Numerous trees were blown down in the area. A huge pine tree fell through a house, a roll up door at a fire station was blown in and an agricultural pivot was blown over. An outhouse was destroyed as well.				
NOXUBEE COUNTY --- 1.5 SSE MACON [33.10, -88.39]				
	04/11/13 12:27 CST		0	Hail (1.00 in)
	04/11/13 12:27 CST		0	Source: Public
Nickel to quarter size hail fell along Buchanan Road.				
JONES COUNTY --- 4.0 NW (PIB)PINE BELT RGNL [31.51, -89.38]				
	04/11/13 12:30 CST		5K	Thunderstorm Wind (EG 50 kt)
	04/11/13 12:30 CST		0	Source: Emergency Manager
Trees were blown down on Monroe Road, and power outages occurred on Guthrie Carter Road.				
JASPER COUNTY --- 5.0 SSE STAFFORD SPGS [31.83, -88.93]				
	04/11/13 12:42 CST		3K	Thunderstorm Wind (EG 50 kt)
	04/11/13 12:42 CST		0	Source: Emergency Manager
Trees were blown down on Jasper County Road 6.				
CLARKE COUNTY --- 5.2 SSE NANCY [31.86, -88.80]				
	04/11/13 12:50 CST		30K	Thunderstorm Wind (EG 50 kt)
	04/11/13 12:50 CST		0	Source: Emergency Manager
Trees were blown down and the roof of a home was damaged in the Beaver Dam community.				

A very warm and unstable airmass was in place over the region on the 10th with temperatures reaching into the mid to upper 80s across the region. A very slow moving cold front moved through Texas into Louisiana during the day on the 10th, bringing tornadoes to portions of central Arkansas near Little Rock. Some thunderstorms developed ahead of the approaching squall line, bringing some hail to portions of northeast Louisiana. Without a strong push behind the front, it lingered across locations west of the Mississippi River

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through most of the evening and overnight hours of the 10th through 11th.

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The cold front and post frontal rains finally moved out of the ArkLaMiss by mid afternoon, causing additional damage east to Alabama and Georgia.

In addition to severe weather, the region once again saw plenty of rainfall. On the 10th, locations across the Delta saw 1.5-3.5 inches of rain. The rain was more progressive as it tracked east but 1 to 2 inches was seen.



NWS Survey from Jackson took this picture in Kemper county for the F3 tornado damage.

FORREST COUNTY --- 1.0 NW BONHOMIE [31.29, -89.33], 0.7 NNW RIVERSIDE [31.36, -89.33], 1.0 NNE PETAL [31.36, -89.27], 1.3 NE PALMERS CROSSING [31.30, -89.26]

04/14/13 08:00 CST	0.10M	Flash Flood (due to Heavy Rain)
04/14/13 09:00 CST	0	Source: Emergency Manager

Numerous streets flooded in Hattiesburg. Water entered a few homes as well.

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MARION COUNTY --- 0.7 W WEST COLUMBIA [31.25, -89.88], 0.6 WSW COLUMBIA [31.25, -89.84], 1.5 E LOVELACE [31.22, -89.84], 0.3 NW FOXWORTH [31.23, -89.88]				
	04/14/13 08:00 CST		0	Flash Flood (due to Heavy Rain)
	04/14/13 08:30 CST		0	Source: Social Media
Water covered a few roads in Foxworth.				
A large complex of rain and thunderstorms moved across mainly the southern portion of the ArkLaMiss during the morning. This caused some flash flooding across Forrest and Marion counties.				
WASHINGTON COUNTY --- 0.2 NW REFUGE [33.30, -91.13]				
	04/18/13 15:32 CST		0	Hail (1.00 in)
	04/18/13 15:32 CST		0	Source: Public
One inch hail fell near the Mississippi River bridge.				
ISSAQUENA COUNTY --- 3.1 N MAYERSVILLE [32.94, -91.06], 4.6 NNE MAYERSVILLE [32.96, -91.03]				
	04/18/13 16:03 CST		25K	Tornado (EF1, L: 1.98 mi , W: 50 yd)
	04/18/13 16:05 CST		0	Source: NWS Storm Survey
This brief tornado touched down near Levee Road uprooting a large tree. The tornado continued across Hopedale Road where a large farm pivot was overturned and some large limbs and branches were snapped. Maximum sustained winds were estimated at 90 mph.				
WASHINGTON COUNTY --- 3.0 SW TRIBBETT [33.32, -90.86], 1.6 E OSSEOLA [33.32, -90.85]				
	04/18/13 16:09 CST		0	Tornado (EF0, L: 0.27 mi , W: 50 yd)
	04/18/13 16:10 CST		0	Source: Emergency Manager
This tornado was photographed in an open field near the Tribbett community. It remained over rural areas and caused no damage. Maximum sustained winds were estimated at 75 mph.				
ISSAQUENA COUNTY --- 0.6 W GRACE [33.00, -90.96]				
	04/18/13 16:15 CST		5K	Thunderstorm Wind (EG 50 kt)
	04/18/13 16:15 CST		0	Source: Post Office
A few power lines and tree limbs were blown down.				
SHARKEY COUNTY --- 1.2 W NITTA YUMA [33.03, -90.87], 0.4 ENE NITTA YUMA [33.03, -90.84]				
	04/18/13 16:21 CST		0	Tornado (EF0, L: 1.55 mi , W: 50 yd)
	04/18/13 16:23 CST		0	Source: Trained Spotter
This brief tornado touched down in an open field west northwest of Nitta Yuma and tracked east northeastward. It crossed U.S. Highway 61 between the Nitta Yuma community and MS Highway 434. The tornado was captured on video as it crossed the highway. No damage occurred. Maximum winds were estimated at 75 mph.				
SHARKEY COUNTY --- 1.3 NW AUTER [33.07, -90.74], 1.3 NNW AUTER [33.07, -90.74]				
	04/18/13 16:29 CST		5K	Tornado (EF0, L: 0.27 mi , W: 25 yd)
	04/18/13 16:30 CST		0	Source: NWS Storm Survey
This brief tornado touched on Delta City Road, snapping a large tree and causing some minor shingle damage to a home. Maximum winds were estimated at 75 mph.				
YAZOO COUNTY --- 1.4 ESE YAZOO CITY [32.84, -90.40]				
	04/18/13 17:35 CST		0	Thunderstorm Wind (EG 50 kt)
	04/18/13 17:35 CST		0	Source: Law Enforcement
One tree was blown down on Highland Drive.				
OKTIBBEHA COUNTY --- 0.7 S STURGIS [33.34, -89.05]				
	04/18/13 20:00 CST		5K	Thunderstorm Wind (EG 50 kt)
	04/18/13 20:00 CST		0	Source: Emergency Manager
Scattered trees were blown onto power lines around Sturgis.				

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The squall line began to weaken as it continued across the Mississippi Delta, pulling away from the associated low pressure system and moving into a region where the air mass was more stable. Storms that remained in the remnants of the line progressed to the east, briefly strengthening as they crossed northeast Mississippi. Sporadic down burst winds continued, bringing down trees and power lines near Yazoo City and at Sturgis in Oktibbeha County.



This image of the tornado was provided by the Washington County Emergency Management.

WINSTON COUNTY --- 4.4 SE HINZE [32.99, -89.21]

04/27/13 15:04 CST	0	Hail (1.00 in)
04/27/13 15:04 CST	0	Source: Public

Hail was covering the ground.

LEFLORE COUNTY --- 0.6 E MONEY [33.65, -90.21]

04/27/13 22:10 CST	0	Hail (1.00 in)
04/27/13 22:10 CST	0	Source: Trained Spotter

LAMAR COUNTY --- 1.9 WNW OLOH [31.33, -89.60], 1.4 NW OLOH [31.33, -89.59], 0.9 WNW OLOH [31.33, -89.58], 0.8 NNW OTOB [31.31, -89.60], 1.8 NNW OTOB [31.32, -89.62]

04/28/13 09:00 CST	0	Flash Flood (due to Heavy Rain)
04/28/13 09:30 CST	0	Source: Public

Water was running across several roads in the area, along with some creeks becoming full and ponding of water in yards.

FORREST COUNTY --- 1.0 WSW RIVERSIDE [31.35, -89.35], 0.7 NE PETAL [31.36, -89.26], 1.3 NE PALMERS CROSSING [31.29, -89.25], 1.1 WNW BONHOMIE [31.29, -89.34]

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	04/28/13 11:05 CST		0	Flash Flood (due to Heavy Rain)
	04/28/13 11:30 CST		0	Source: Law Enforcement

Numerous streets in Hattiesburg were flooded.

Showers and thunderstorms developed in association with a frontal system moving through the area. Some of the thunderstorms produced large hail and flash flooding.